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**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Inventor(s): MICHAEL T. COSTELLO  
IGOR RIFF  
JOSEPH A. WEAVER, JR.

Examiner:

Serial No.: 10/731,600

Group: 1764

Filed: DECEMBER 9, 2003

Date Mailed:

Title: LOW SEDIMENT FRICTION MODIFIERS

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| CERTIFICATE OF MAILING   |   |
| I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Mail Stop -IDS Disclosure, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |   |
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**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

Mail Stop - IDS Disclosure  
Commissioner for Patents  
P.O. Box 1450  
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Sir:

In reference to the above-identified patent application, Applicant encloses copies of the art cited in the International Search Report for International Application No. PCT/US2004/038625, a corresponding foreign application. The relevance of this art is that it was cited in a foreign search report (copy enclosed) mailed to the Applicant on May 7, 2005.

U.S. Patents

U.S. Patent No. 2,454,568 entitled "Thioglycol Esters" by Pollack, issued November 23, 1948.

U.S. Patent No. 5,282,991 entitled "Friction Modified Oleaginous Concentrates of Improved Stability" by Waddoups et al., issued February 1, 1994.

Foreign Applications:

European Patent No. EP 0 039 998 A1, published November 1981.

PCT International Application No. WO 03/040273 A2, published May 2003.

U.K. Patent Application No. GB 2,334,529 A, published August 1999.

The applicants reserve the right to establish the patentability of the claimed invention over any of the information provided by this statement, to prove that the enclosed information is not prior art, and/or to prove that this information is not enabling for the teachings purportedly offered.

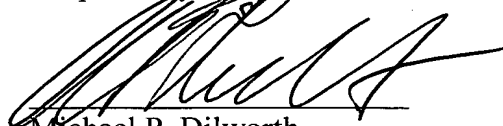
This statement should not be construed as a representation that an exhaustive search has been made or that there does not exist information more material to the examination of the present patent application. The Examiner is specifically requested not to rely solely on the material submitted with this statement.

The applicants request that the Examiner initial and return a copy of the enclosed Form PTO-1449 and indicate in the official file history of this patent application that the documents have been considered.

Please charge any deficiency, as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 23-2656. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. §1.17(i)(i) are required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 23-2656 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED, together with Form PTO-1499.

Date: 11/14/05

Respectfully submitted,



Michael P. Dilworth  
Registration No. 37,311

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**Docket No. 0209-PA**



# FORM PTO-1449

Page 1 of 1

|  |    |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
|--|----|-----|-----------------|---|---|---|---|---|----|---------------------------------------|--------------------------------|--------------------------|---------------|-------------------------------|----|--|--|
| LIST OF INFORMATION CITED BY APPLICANT(S)<br>(FORM PTO-1449) |    |     |                 |   |   |   |   |   |    | ATTY DOCKET NO. 0209-PA               |                                | SERIAL NO.<br>10/731,600 |               |                               |    |  |  |
|  |    |     |                 |   |   |   |   |   |    | APPLICANT: MICHAEL T. COSTELLO ET AL. |                                |                          |               |                               |    |  |  |
|  |    |     |                 |   |   |   |   |   |    | FILING DATE: DECEMBER 9, 2003         |                                |                          |               | GROUP: 1764                   |    |  |  |
| U.S. PATENT DOCUMENTS  |    |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
| EXAMINER<br>INITIAL  |    |     | DOCUMENT NUMBER |   |   |   |   |   |    | DATE                                  | NAME                           | CLASS                    | SUB-<br>CLASS | FILING DATE<br>IF APPROPRIATE |    |  |  |
|  |    |     | 2               | 4 | 5 | 4 | 5 | 6 | 8  | November<br>1948                      | Pollack                        |                          |               |                               |    |  |  |
|  |    |     | 5               | 2 | 8 | 2 | 9 | 9 | 1  | February<br>1994                      | Waddoups et al.                |                          |               |                               |    |  |  |
|  |    |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
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| FOREIGN PATENT DOCUMENTS                                     |    |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
|  |    |     | DOCUMENT NUMBER |   |   |   |   |   |    | DATE                                  | COUNTRY                        | CLASS                    | SUB<br>CLASS  | TRANSLATION                   |    |  |  |
|  |    |     |                 |   |   |   |   |   |    |                                       |                                |                          |               | YES                           | NO |  |  |
|  | EP | 0   | 0               | 3 | 9 | 9 | 9 | 8 | A1 | November<br>1981                      | European Patent<br>Application |                          |               | X                             |    |  |  |
| PCT  | WO | 03/ | 0               | 4 | 0 | 2 | 7 | 3 | A2 | May 2003                              | PCT                            |                          |               | x                             |    |  |  |
|  | GB | 2   | 3               | 3 | 4 | 5 | 2 | 9 | A  | August 1999                           | Great Britain                  |                          |               |                               |    |  |  |
|  |    |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
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|  |    |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
| PUBLICATIONS   |    |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
|  | 1. |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
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|  | 2. |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
|  |    |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
|  | 3. |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
|  | 4. |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
|  | 5. |     |                 |   |   |   |   |   |    |                                       |                                |                          |               |                               |    |  |  |
| EXAMINER   |    |     |                 |   |   |   |   |   |    | DATE CONSIDERED                       |                                |                          |               |                               |    |  |  |